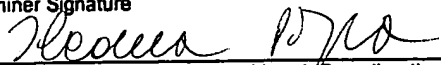


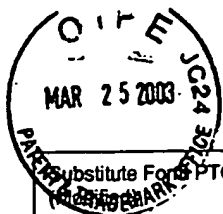
Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06666-022002	Application No. 10/045,178
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Noriyuki Kasahara et al.	
		Filing Date January 11, 2002	Group Art Unit 1632

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
1. P.	AQ	Murakami, et al., "High-level expression of exogenous genes by replication-competent retrovirus vectors with an internal ribosomal entry site", <i>Gene</i> , vol. 202, pp. 23-29 (1997).
	AR	
	AS	
	AT	

Examiner Signature 	Date Considered 02/01/06
EXAMINER: Initials citation considered/Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Substitute Form PTO-1449 (Pre-1997)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06666-022002	Application No. 10/045,178
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Noriyuki Kasahara et al.	
		Filing Date January 11, 2002	Group Art Unit 1633

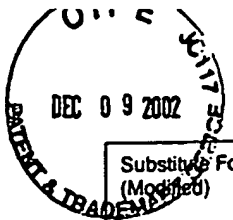
U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
1, P	AH	WO 97/32026	Sept 4, 1997	PCT				
1, P	AI	WO 94/11524	May 26, 1994	PCT				
	AJ							
	AK							
	AL							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
1, P	AM	Chang, et al., "Human Immunodeficiency Viruses Containing Heterologous Enhancer/Promoters Are Replication Competent and Exhibit Different Lymphocyte Tropisms", <u>Journal of Virology</u> , Vol. 67, No. 3, pp. 743-752, February, 1993
1, P	AN	Faustinella, et al., "A New Family of Murine Retroviral Vectors with Extended Multiple Cloning Sites for Gene Insertion", <u>Human Gene Therapy</u> , Vol. 5, pp. 307-312, 1994
	AO	
	AP	

Examiner Signature <i>Heaven R/M</i>	Date Considered 02/01/06
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



<b>Substitute Form PTO-1449</b> (Modified)  <b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>	<b>Attorney's Docket No.</b> 06666-022002	<b>Application No.</b> 10/045,178
	<b>Applicant</b> Noriyuki Kasahara et al.		
	<b>Filing Date</b> January 11, 2002	<b>Group Art Unit</b> 1633	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AG							
	AH							
	AI							
	AJ							
	AK							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
11P	AL	Ianni Di M et al., "Retroviral Transfer of Herpes Simplex Virus-Thymidine Kinase and Beta-Galactosidase Genes into U937 Cells with Bicistronic Vector", <u>Leukemia Research</u> , Vol. 21, No. 10, 1997 (pp. 951-959)
11P	AM	Schmidt M et al., "Replicating Foamy Virus-Based Vectors Directing High Level Expression of Foreign Genes", <u>Virology</u> , Vol. 210, (1995), pp. 167-178
11P	AN	Terwilliger E F et al., "Construction and Use of a Replication-Competent Human Immunodeficiency Virus HIV-1 that Expresses the Chloramphenicol Acetyltransferase Enzyme," <u>Proceedings of the National Academy of Sciences of the United States</u> , Vol. 86, No. 10, 1989, pp. 3857-3861

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06666-022001	Application No. 09/409,650
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Noriyuki Kasahara, <i>et al.</i>	
		Filing Date October 1, 1999	Group Art Unit 1641

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
1.P	AQ	Fu <i>et al.</i> , "Viral sequences enable efficient and tissue-specific expression of transgenes in <i>Xenopus</i> ", Nature Biotechnology, Volume 6, March 1988
	AR	
	AS	
	AT	

Examiner Signature <i>Deane P. P.</i>	Date Considered 02/01/00
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 06666/022001		SERIAL NO. Unknown	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT: Kasahara et al.		10/04/99 10/04/99 10/04/99	
				FILING DATE 10/30/99			
(37 CFR 1.98(b))							
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA							
AB							
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
	AC						
OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)							
<i>J.P.</i>	AD	Morgan et al., "Retroviral vectors containing putative internal ribosome entry sites: development of polycistronic gene transfer system and applications to human gene therapy", Nucleic Acid Research, Vol. 20, No. 6, pp. 1293-1299					
	AE						
	AF						
	AG						
EXAMINER <i>Deanna D'Amico</i>				DATE CONSIDERED <i>02/01/06</i>			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Substitute Disclosure Form (PTO-1449)